

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Kevin R. Stone *et al.*
Serial No.: To be assigned
Filed: April 2, 2001
Title: ANTERIOR CRUCIATE LIGAMENT XENOGRAFTS

Group Art Unit: To be assigned
Examiner: To be assigned

Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby make of record the documents listed below and on the attached modified Form PTO-1449 (submitted in duplicate) in the above-identified application, copies of which are submitted herewith. The order of presentation of the references should not be construed as an indication of the importance of the references.

This Information Disclosure Statement is being filed within three months of the filing date of the National Application. Accordingly no fee is believed to be due. 37 C.F.R. §1.97.

A copy of each of the above-identified information indicated on the attached Form PTO-1449 (modified) has been submitted in U.S. patent application Serial No. 09/036087, from which the present patent application claims priority under 35 U.S.C. § 120. Accordingly, copies of the references are not included. 35 U.S.C. § 1.98(d).

It is respectfully requested that the Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims, and signs the enclosed form PTO-1449 to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that: (1) a search has been performed, of the extent of any search performed, or that more relevant information does not exist; (2) the information cited in the Statement is, or is

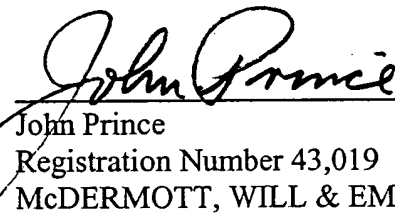
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considered to be, material to patentability as defined in 37 C.F.R. §1.56(b); and (3) the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his/her own conclusion regarding the relevance of the cited information. An early and favorable action is hereby requested. Please charge any additional fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-1133.

Respectfully submitted,

Date: April 2, 2001


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Subst. Form PTO-1449				Docket Number (Optional) CROL-114CP2CN		Application Number To be assigned	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				Kevin R. Stone et al			
				April 2, 2001			
U. S. Patent Documents							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	4,034,418	7/77	Jackson et al.				
	4,344,193	8/82	Kenny				
	4,400,833	8/83	Kurland				
	4,502,161	3/85	Wall				
	4,597,266	7/86	Entrekin				
	4,609,627	9/86	Goldstein				
	4,627,853	12/86	Campbell et al.				
	4,642,120	2/87	Nevo et al.				
	4,678,470	7/87	Nashef et al.				
	4,755,593	7/88	Lauren				
	4,776,853	10/88	Klement et al.				
	4,789,663	12/88	Wallace et al.				
	4,801,299	01/89	Brendel et al.				
	4,846,835	7/89	Grande				
	4,880,429	11/89	Stone				
	4,932,973	06/90	Gendler				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	WO 84/03036	8/84	PCT			Y	
	WO 95/28412	10/95	PCT				
	WO 95/33828	12/95	PCT				
	WO 95/26740	10/95	PCT				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	Rodrigo et al., <i>Clinical Orthopedics and Related Research</i> , 134:342-349 (1978).						
	Sengupta et al., <i>The Journal of Bone and Joint Surgery</i> , 56B:167-177 (1974).						
	Webber et al., <i>Journal of Orthopedic Research</i> , 3:36-42 (1985).						
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.							

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	5,007,934	4/91	Stone			
	5,067,962	11/91	Campbell et al.			
	5,071,741	12/91	Brockbank			
	5,078,744	1/92	Chvapil			
	5,092,894	3/92	Kenny			
	5,116,374	5/92	Stone			
	5,131,850	7/92	Brockbank			
	5,158,574	10/92	Stone			
	5,160,313	11/92	Carpenter et al.			
	5,171,273	12/92	Silver et al.			
	5,171,322	12/92	Kenny			
	5,171,660	12/92	Carpenter et al.			
	5,192,312	3/93	Orton			
	5,216,126	6/93	Cox et al.			
	5,306,304	4/94	Gendler			
	5,306,311	4/94	Stone et al.			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
		Rubak et al., <i>Acta Orthop. Scand</i> , 53:181-186 (1982).				
		Engkvist, Ove, <i>Scand. J. Plast. Reconstr. Surg.</i> , 13:361-369 (1982).				
		Collins et al., Xenotransplantation, Characterization of Porcine Endothelial Cell Determinants Recognized by Human Natural Antibodies, 1:36-46 (1994).				
		Satake et al., Xenotransplantation, Limited Specificity of Xenoantibodies In Diabetic Patients Transplanted With Fetal Porcine Islet Cell Clusters. Main Antibody Reactivity Against α -linked Galactose-Containing Epitopes, 1:89-101 (1994).				
		LaVecchio et al., Transplantation, Enzymatic Removal of Alpha-Galactosyl Epitopes From Porcine Endothelial Cells Diminishes The Cytotoxic Effect of Natural Antibodies, 60:841-847.				
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	5,358,525	10/94	Fox et al.				
	5,507,810	4/96	Prewett et al.				
	5,613,982	3/97	Goldstein				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Stone et al., Arthroscopy: The Journal of Arthroscopic and Related Surgery, 9:234-237 (1993).					
		Cotterell et al., Transplantation, The Humoral Immune Response in Humans Following Cross-Perfusion of Porcine Organs, 60:861-868 (1995).					
		Galili, Immunology Today, 14:480-482 (1993).					
		Elves et al., An Investigation Into The Immunogenicity Of Various Components of Osteoarticular Grafts, The British Journal of Experimental Pathology, 55:344-351 (1974).					
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